Curriculum Vitae Mia Adams

# Mia Adams

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#### PROFESSIONAL SUMMARY

A dedicated and results-driven **Quantitative Analyst** with over **14 years** of experience in data analysis, machine learning, and predictive modeling. Skilled in transforming business needs into technical solutions using modern data science tools and practices. Passionate about solving real-world problems through data-driven approaches and delivering measurable outcomes.

### **CORE SKILLS**

- Technical Skills: Power BI, Matplotlib, C++, Azure, Data Lakes
- Analytical Skills: Statistical modeling, hypothesis testing, data interpretation.
- Soft Skills: Clear communication, collaboration, agile mindset, mentoring.
- Tools: Tableau, Power BI, Jupyter, Git, Docker, Cloud platforms.

## PROFESSIONAL EXPERIENCE

LogicFlow Inc. August 2021 – May 2023

Role: Quantitative Analyst

- Extracted and analyzed large-scale datasets to uncover actionable insights for business growth.
- Built predictive models using machine learning techniques to optimize decision-making.
- Collaborated with engineers and stakeholders on end-to-end model deployment and reporting.
- Led initiatives for workflow automation, improving data pipeline efficiency by 30%.
- Provided guidance and training to junior analysts on analytical best practices.

# **EDUCATION**

#### University of Southern California (USC)

Bachelor of Science in Data Engineering

GPA: 3.55

• Relevant Courses: Data Structures, Algorithms, Statistics, Machine Learning, Database Systems

# **SELECTED PROJECTS**

#### **Predictive Maintenance**

- Led end-to-end development of a scalable data-driven system that improved operational efficiency.
- Utilized advanced analytics and machine learning for real-time prediction and automation.
- Deployed solutions with seamless integration into business intelligence dashboards.

Graduated: May 2023